# S RANJITH
**B.Tech. - Information Technology**
**Ph:** +91-9585148852
**Email:** ranjith2112052@ssn.edu.in
Villianur, Puducherry, India - 605107

## BRIEF SUMMARY

Motivated 3rd-year Information Technology student, Ranjith, with a keen interest in software development and technology. Proficient in Python and possessing a solid foundation in C programming with a fundamental foundation in networking and database management. Interested in problem-solving, collaborating within teams, and applying technical skills to real-world projects. Actively seeking internship opportunities to contribute and grow in the field of Information Technology.

## KEY EXPERTISE

Python    HTML    CSS    Bootstrap    Flask    API    Selenium WebDriver    Web Scraping

## EDUCATION

**Sri Sivasubramaniya Nadar College of Engineering**                                    2021 - 2025
B.Tech. - Information Technology    |    CGPA: **7.01 / 10.00**

**PSG Polytechnic College, Coimbatore, Coimbatore**                                    2022
Diploma    |    Diploma - Information Technology - Information Technology    |    DTE TN    |    Percentage: **95.14 / 100.00**

**Swami Vivekananda higher secondary school, Thirubuvanai, Villianur**                 2019
10$^{th}$    |    TNBSE    |    Percentage: **77.00 / 100.00**

**Course Works - Key Courses Taken** :
Programming and Design patterns
Database Management system
Computer networks
Advanced Data Structures and Algorithms

**Labs** :
Programming and Design Patterns lab
Database System lab
Advanced Data Structures and Algorithms lab

## PROJECTS

**Musical Time Machine**                                                              01 Dec, 2022 - 02 Dec, 2022

**Key Skills:**    API    Web Scraping    Python

**Project Link:**  https://github.com/RanjithSrikanth/Musical-Time-Machine.git

The "Musical Time Machine" is a mini-project that utilizes web scraping with Beautiful Soup and the Spotipy API. Given a specific year as input, it extracts the top 100 songs from the Billboard Top 100 website and employs Spotipy to generate a playlist containing these top tracks. This project offers a nostalgic journey through time by curating playlists that capture the musical essence of a chosen year.

**The Snake Game**                                                                    26 Sep, 2022 - 29 Sep, 2022

**Key Skills:**    Python

**Project Link:**  https://github.com/RanjithSrikanth/The-Snake-Game.git

A traditional Snake game was developed using Python programming language and the Turtle graphics library. Players control a snake that grows longer upon consuming food items, providing a classic gaming experience. The project demonstrates proficiency in Python coding, game mechanics implementation, and graphical user interface design.

**Web-based application for food waste management**                                    20 Jan, 2022 - 15 May, 2022
**Mentor:** Ms.R.Uma    |    **Team Size:** 3

**Key Skills:**    Front-End Web Development    HTML    CSS

The basic concept of this project entitled Web based application for Food Waste Management is to collect the excess/leftover food from donors such as hotels, restaurants, marriage halls, etc and distribute to the needy people through NGOs. NGOs will collect the leftover or excess food from above mentioned venues for the distribution to the needy people.

## PUBLICATIONS / RESEARCH / WHITE PAPERS

**Web – based Application for Food Waste Management**                    25 May, 2022

Website    |    Web – based Application for Food Waste Management    |    **Mentor:** Ms.R.Uma    |    **No. of Authors:** 4

**Key Skills:**    HTML    CSS    Front-End Web Development

The basic concept of this project entitled Web based application for Food Waste Management is to collect the excess/leftover food from donors such as hotels, restaurants, marriage halls, etc and distribute to the needy people through NGOs. NGOs will collect the leftover or excess food from above mentioned venues for the distribution to the needy people.

## ACHIEVEMENTS

- Best outgoing student for the departement 2022 during Diploma
- 1st Rank holder in semester examinations during Diploma

## CO-CURRICULAR ACTIVITIES

- Served as Volunteer for IT association in 2021-2022

## PERSONAL INTERESTS / HOBBIES

- Driving
- Music

## WEB LINKS

- Github - https://github.com/RanjithSrikanth

## PERSONAL DETAILS

**Gender:** Male
**Marital Status:** Single
**Current Address:** NO.97 Chozhan street, Vallalar nagar, Thirubuvanai, Puducherry, Villianur, Puducherry, India - 605107
**Emails:** ranjith2112052@ssn.edu.in , ranji4820@gmail.com

**Date of Birth:** 28 Sep, 2003
**Known Languages:** English, Tamil
**Phone Numbers:** +91-9585148852, +91-9943359391